

Docket No. 241786US2SRD/hc

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Wu MEI, et al.

SERIAL NO: 10/643,974

GAU:

FILED: August 20, 2003

EXAMINER:

FOR: FUEL CELL CATALYST MATERIAL, FUEL CELL ELECTRODE, MEMBRANE-ELECTRODE ASSEMBLY, FUEL CELL, FUEL CELL CATALYST MATERIAL MANUFACTURING METHOD, AND FUEL CELL ELECTRODE MANUFACTURING METHOD



INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☐ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☐ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.


Marvin J. Spivak

Registration No. 24,913

Joseph A. Scafetta, Jr.
Registration No. 26,803

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 05/03)

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CATALYST MATERIAL MANUFACTURING METHOD, AND FUEL CELL
ELECTRODE MANUFACTURING METHOD



GROUP:

EXAMINER:

STATEMENT OF RELEVANCY

Reference AO (JP 6-56554) on Form 1449:

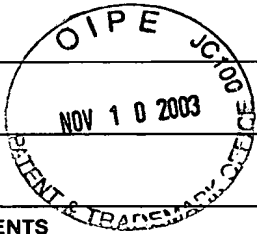
This reference discloses a porous electrode with aligned pores, which are formed by magnetically aligning magnetic short Nylon fibers in the electrode and then removing the fibers. Different from our invention, no catalyst is included in their electrode.

Reference AP (JP 10-189012) on Form 1449:

This reference discloses an electrode with aligned pores, which are formed by magnetically aligning magnetic materials in the electrode and then removing them with H₂SO₄ solution. In our invention, magnetic catalyst particles are used to form aligned particle-network. It's quite different from theirs.

Reference AQ (JP 2001-110431) on Form 1449:

This reference discloses an electrode with magnetic materials included as accelerator of fuel radical activity. Different from our invention, no magnetic alignment is used in their invention.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 241786US2SRD		SERIAL NO. 10/643,974	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Wu MEI, et al.			
				FILING DATE August 20, 2003			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	AA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AO	6-56554	03/01/1994	JAPAN		X	
	AP	10-189012	07/21/1998	JAPAN		X	
	AQ	2001-110431	04/20/2001	JAPAN		X	
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							